

PATENT CLAIMS

- 5 1. A method for providing a certain quality of service to a user-device in a mobile telecommunication system, the method comprising the steps of,
- providing at least one user-register linked to a user-device,
 - providing at least one priority-table associated with an area covered by the telecommunication system,
 - 10 - comparing a user-register with a priority-table when a user-device linked to said user register enters the area associated with said priority-table,
 - providing the user-device with a quality of service, depending on a possible correspondence between said user-register and said priority-table.
- 15 2. The method according to claim 1, comprising the further step of linking a user-register to a user subscription within the telecommunication system, which subscription in turn is linked to a user-device.
- 20 3. The method according to claim 1 or 2, comprising the further steps of:
- distributing a user-register to a user-device, and/or
 - predefining a user-register in a user-device.
- 25 4. The method according to claim 1, comprising the further step of providing a priority-table with an area-identifier.
5. The method according to claim 4, wherein said area-identifier is associated with a covering area corresponding to one of: a Location Area Identification (LAI), a Routing Area Identification (RAI), a Cell Identity (CI), a Cell Global Identification (CGI) and/or corresponding to a RNC Identifier (RNC-Id) or a Service Area Identifier (SAI).
- 30 6. A method according to claim 1, 4 or 5, comprising the further steps of:
- distributing a priority-table to at least one of; a user-device, an access-point, an access point controller, and/or
 - predefining a priority-table in at least one of; a user-device, an access-point, an access point controller within the telecommunication system.

7. The method according to claim 1, comprising the further steps of:
- defining one or several priority-groups in a user-register,
 - defining one or several priority-levels in a priority-table
 - assigning at least one priority-group to at least one priority-level in a priority-
- 5 table.
8. The method according to claim 1, comprising the further step of providing a user-device with a quality of service, depending on a possible correspondence between priority-groups defined in a user-register and priority-groups associated with the
- 10 priority-levels in a priority-table.
9. The method according to claim 1, wherein said comparison is performed within an user-device, or within an access point, or within an access point controller, or within the core network of said
- 15 telecommunication system.
10. The method according to claim 9, comprising the further step of providing a user-device with a quality of service, depending on a possible correspondence between a user-register and a priority-table, as a response to an inquiry from the user-device
- 20 to the telecommunication network.
11. The method according to claim 9, comprising the further step of providing a user-device with a quality of service that is determined by the user-device itself, depending on a possible correspondence between a user-register and a priority-
- 25 table.
12. The method according to claim 11, wherein a user-device can determine to refrain from any attempt to establish a communication channel with said telecommunication system.
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13. The method according to claim 1, comprising the further step of altering the quality of service in a certain area by amending an existing user-register.
14. The method according to claim 1, comprising the further step of altering the quality
- 35 of service in a certain area by amending an existing priority-table.

15. The mobile telecommunication system, wherein a certain quality of service can be provided to a user-device within the system,
comprising,
- at least one user-register linked to a user-device, and
 - 5 - at least one priority-table associated with an area covered by the telecommunication system, and
 - processing arrangements for comparing a user-register with a priority-table when a user-device linked to said user register enters the area associated with said priority-table, and
 - 10 - processing arrangement for providing the user-device with a quality of service, depending on a possible correspondence between said user-register and said priority-table.
16. The system according to claim 15, comprising at least one user-register that is linked
15 to a user subscription within the telecommunication system, which subscription in turn is linked to a user-device.
17. The system according to claim 15 or 16, wherein at least one user-device, and/or at
20 least one access-point, and/or at least one access point controller comprises a user-register.
18. The system according to claim 15, comprising at least one priority-table with an area-identifier.
- 25 19. The system according to claim 18, wherein said area-identifier is associated with a covering area corresponding to one of: a Location Area Identification (LAI), a Routing Area Identification (RAI), a Cell Identity (CI), a Cell Global Identification (CGI) and/or corresponding to a RNC Identifier (RNC-Id) or a Service Area Identifier (SAI).
- 30 20. The system according to claim 15, 18 or 19, wherein at least one user-device, and/or one access-point, and/or one access point controller comprises a priority-table.
21. The system according to claim 15, having:
- at least one user-register comprising priority-groups,
 - 35 - at least one priority-table comprising one or several priority-levels, where at least one priority-group is assigned to at least one priority-level.
22. The system according to claim 15, comprising processing arrangements for providing a user-device with a quality of service, depending on a possible correspondence

between priority-groups defined in a user-register and priority-groups associated with the priority-levels in a priority-table.

23. The system according to claim 15, comprising processing arrangements for
5 performing said comparison within an user-device, or within an access point, or within an access point controller, or within the core network of said telecommunication system.
24. The system according to claim 23, comprising processing arrangements for providing
10 an user-device with a quality of service as a response to an inquiry from the user-device to the telecommunication network, depending on a possible correspondence between a user-register and a priority-table.
- 25 The system according to claim 23, comprising processing arrangements for providing
15 an user-device with a quality of service that is determined by the user-device itself, depending on a possible correspondence between a user-register and a priority-table.
- 26 The system according to claim 25, wherein the user-device can determine to refrain
20 from any attempt to establish a communication channel, depending on a possible correspondence between a user-register and a priority-table.